

CLAIMS

What is claimed is:

1. A biologically pure culture of a strain of *Chromobacterium subtsugae* sp. nov.
2. The strain of claim 1 having the identifying characteristics of NRRL B-30655.
3. A strain of *Chromobacterium* which has a 16S rDNA gene sequence of SEQ ID NO:1.
4. An insecticidally-active metabolite obtained from the strain of claim 1.
5. A supernatant, filtrate or extract obtained from the strain of claim 1, wherein said supernatant, filtrate or extract has insecticidal activity.
6. A composition useful for control of insect pests, which comprises the strain of claim 1.
7. A composition useful for control of insect pests, which comprises the metabolite of claim 4.
8. A composition useful for control of insect pests, which comprises the supernatant, filtrate or extract of claim 5.
9. A method of controlling insects, comprising applying in an area where an insect is to be controlled an effective insect control amount of *Chromobacterium subtsugae* sp. nov., an insecticidally-active metabolite obtained from *Chromobacterium subtsugae* sp. nov. or a supernatant, filtrate or extract obtained from *Chromobacterium subtsugae* sp. nov.
10. A method for producing an insecticidally-active metabolite from the strain of claim 1, which comprises:
growing the strain of claim 1 in a culture medium under conditions effective to produce an insecticidally-active metabolite.
11. The method of claim 10 which further includes the step of separating the insecticidally-active metabolite from the culture medium.